FY2011 Energy & Water Appropriations Requests

(listed in alphabetical order)

Clackamas County's Timber Town Turnaround program - $600,000

Clackamas County's Timber Town Turnaround program guides the County's economic redevelopment investments towards Estacada and Molalla, our two historic timber towns. The first phase of Timber Town Turnaround centers on energy investments. The program will promote local energy security by investing in a) energy efficiency among neighborhoods and for industrial activities, b) studying sustainable local energy supplies, including biomass from working forest and agricultural lands, and c) identifying opportunities to integrate energy systems at scale to achieve further efficiencies. During phase one, federal funds will be combined with existing state incentive programs, and Clackamas County's energy outreach and energy efficiency programs. More residents and small businesses will be able to access expanded energy efficiency programs, such as the County's low-interest energy efficiency loan program, part of the Clean Energy Works Oregon model, under development. By boosting the low-interest loan program, Clackamas County's investments will yield long-term savings and be re-invested many times in each community.

Clackamas County
2051 Kaen Road
Oregon City, OR 97045

OIT, Green Technology Center - $555,000

Requested funding will be used for the first stage of a Green Technology Center (GTC) at Oregon Institute of Technology's Portland East Campus. The funds would go towards the purchase of four new renewable energy laboratories and related equipment. The proposed funds will support minor renovations and development of four laboratories. The laboratories focus on the existing strengths at OIT Portland, and balanced with industry needs for graduates versed in the various disciplines of energy engineering.

Oregon Institute of Technology
3201 Campus Drive
Klamath Falls, OR 97601

Oregon State University Wave Energy Test Berth - $5,000,000

The purpose of the National Marine Renewable Energy Center is to help move the generation of energy from waves, ocean currents and tides from the laboratory to part of the nation's alternative energy future by providing outreach and services to potential users of the center, and by providing educational outreach and engagement to citizens. Marine renewable energy will be a key component of America's clean energy economy. Through accelerated development of marine renewable technologies, the nation can more quickly commercialize these technologies, build a vibrant green energy manufacturing base, and reduce its dependence on foreign oil. As part of their continuing efforts as the leader of the

National Marine Renewable Energy Center, Oregon State University seeks to develop an additional mobile floating ocean test berth and a central junction box for wave energy device testing. The mobile ocean test berth will be available to industry and public entities in need of a location to test wave energy devices and assess their impacts.

Oregon State University
600 Kerr Administration
Corvallis, OR 97331

Oregon Sustainability Center - $2,000,000

The Oregon Sustainability Center will be the first high-density, urban building to achieve triple net zero performance, serving as a living laboratory for the research, development and launch of sustainable solutions, and as a convener of people, ideas, and education focused on sustainability. The 220,000 square foot building will include classroom, conference, research and exhibit space, and will be home to leading environmental and sustainable development organizations of all sectors, providing opportunity for collaboration and innovation. When constructed, the Center aspires to achieve triple net-zero performance, producing 100% of its energy through renewable resources and capturing and treating all water on-site.

City of Portland
1221 S.W. 4th Avenue, Rm. 410
Portland, OR 97204

Oyster Wave Energy System for Oregon - $3,000,000

The Electric Power Research Institute has concluded that ocean/tidal energy could provide over 10% of current energy demand and that some of the very best all-around sites for wave generation in the United States are on the Oregon Coast. Central Lincoln People's Utility District, in a public-private partnership with Aquamarine Power, proposes to develop a limited demonstration project which focuses on stakeholder input and environmental studies before installation of an already ocean-tested, near-shore power generation device in Oregonian waters. This project will demonstrate the third (and potentially fourth) generation devices that will incorporate technological advances developed from the original proof-of-concept device now in operation in Scotland and subsequently installed prototype devices. Given Central Lincoln's 120 miles of shoreline coverage along the Pacific Ocean, as well as Oyster's proven technology, this proposal is an excellent vehicle for developing and showcasing wave generation facilities in Oregon.

Central Lincoln People's Utility District
2129 N. Coast Highway
P.O. Box 1126
Newport, OR 97365

Tillamook Bay and Bar - $600,000

The requested funding in FY11 for the Tillamook Bay and Bar will allow the U.S. Army Corps of Engineers to continue the restoration and repair of this jetty system. Construction is currently underway to repair

the north jetty. The funding requested here would allow the Corps to conduct a survey of the south jetty, and to produce the plans and specifications for the upcoming repairs.

U.S. Army Corps of Engineers
Portland District
P.O. Box 2946
Portland, OR 97208

Willamette River at Willamette Falls, OR - $258,000

The funding will be used for operation and maintenance providing for the regular program operation of the locks, keeping them open to recreational, commercial, and industrial traffic.

U.S. Army Corps of Engineers
Portland District
P.O. Box 2946
Portland, OR 97208

Yaquina Bay ACOE Operations & Maintenance - $1,986,000

The requested funding will be used for critical minimum maintenance dredging needed for safe transit of commercial and recreational vessels. In addition to funding for maintenance dredging, additional funds were requested for the evaluation and study of a future ocean disposal site. Yaquina Bay is the last of the Coastal Ocean Disposal Sites that need permanent Section 102 designation from EPA. There are currently 2 sites in Newport that are Section 103 (Corps designated, EPA Approved), one north of the channel and one south. Under Section 103 designation, the sites have a 10 year life. The Corps has one more year left to use the North site (the Section 103 designation expires at end of 2011 season) and then they will have 10 years to use the South site. This will allow the Corps to do the studies necessary to work with EPA for the permanent designation.

U.S. Army Corps of Engineers
Portland District
P.O. Box 2946
Portland, OR 97208